

U.S. Serial No. 09/806,873
Reply to Office Action of: April 7, 2006
Family Number: P1998J096 US2

Page 2

AMENDMENTS TO THE CLAIMS

Claims 1, 2, 3, 4 and 5. (cancelled)

Claim 6. (currently amended) A method for enhancing the life of gas engine oils as evidenced by a reduction in at least one of viscosity increase, oxidation, nitration, TAN increase, and TBN depletion of the gas engine oil during use, comprising ~~adding to~~ formulating a gas engine oil comprising a base stock having a viscosity ~~of~~ at 100°C of from 9 to 13 cSt, the base stock being a synthetic, hydrocracked or solvent refined oil or mixture thereof ~~but which base stock does not contain a base stock having a viscosity of 20 cSt or higher at 100°C~~, a minor amount of an anti oxidant in the range of about 0.1 to 2 vol%, from about 0.2 to about 0.5 vol% of antiwear additives, and ~~a minor~~ an amount of a viscosity index improver not sufficient to produce a multi-grade gas engine oil lubricating composition, the amount used being in the range of about 0.1 to 3 vol%, which gas engine oil lubricating composition does not contain aminic anti oxidants, and; wherein the anti oxidant is selected from the group consisting of phenolic anti oxidants, and a minor amount of a low ash gas engine oil detergent system having a TBN of about 50 to about 300 wherein the gas engine oil has a low ash content in the range of 0.1 to 0.6 wt% and wherein the life of said gas engine oil is enhanced in comparison to gas engine oils which do not contain both phenolic anti oxidant(s) and viscosity index improver(s).

Claims 7 and 8. (cancelled)

Claim 9. (previously presented) The method of claim 6 wherein the phenol anti oxidant is added to the lubricating oil in an amount in the range of about 0.3 to 1.75 vol% and the viscosity index improver is added to the lubricating oil in an amount in the range of about 0.2 to 2 vol%.

Claims 10, 11 and 12. (cancelled)

U.S. Serial No. 09/806,873
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Family Number: P1998J096 US2

Page 3

Claim 13. (previously presented) The method of claim 6 wherein the base stock is a mixture of a hydrocracked oil and a solvent refined oil.

Claim 14. (currently amended) The method of claim 6, 9 or 13 wherein the detergent system is a mixture of detergents comprising at least one first alkali or alkaline earth metal salt or mixture thereof having a TBN below about 250 and at least one second alkali or alkaline earth metal salt or mixture thereof having a TBN of about one-half or less of the first salt.